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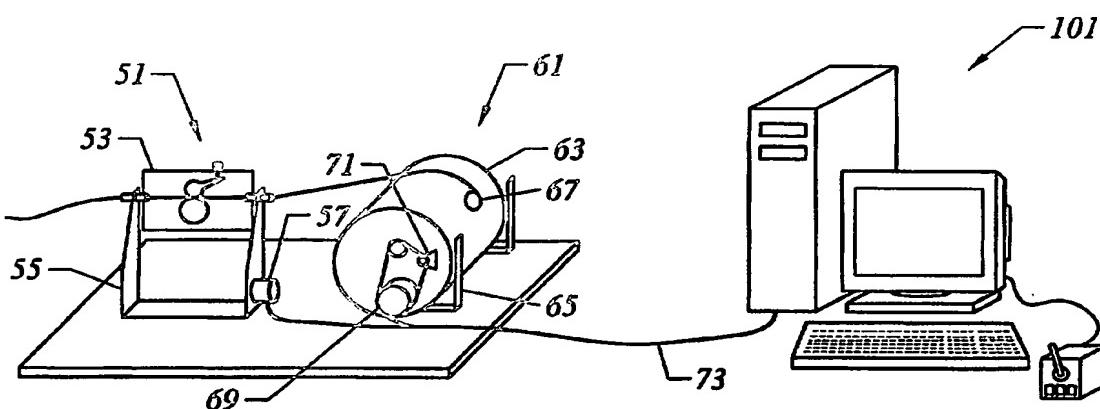
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(54) Title: COMPUTER-ASSISTED MANIPULATION OF CATHETERS AND GUIDE WIRES



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(57) Abstract: Computer-assisted methods and systems for manipulating elongate members during medical procedures are provided. Electromechanical devices are computer driven to manipulate the elongate members, which a user can direct through computer interfaces like graphical user interfaces and pointing devices.